

**origin:** United States. **developer country:** United States.  
**origin institute:** Delta Branch Experiment Station,  
Stoneville, Mississippi. **cultivar:** STONEVILLE SYNTHETIC.  
**remarks:** Coarse sudangrass with small, round seed that  
thresh free of glumes. Brownish white pericarp, starch  
mesocarp, and black glumes. Panicle type is open. Panicle  
does not clear the sheath, approximately 5cm of the  
panicle remaining in the sheath. Height averages 135cm.  
Flowers approximately 82 days after emergence. Resistant  
to Sorghum downy mildew (*Peronosclerospora sorghi*).  
Developed for its resistance to. Spring Annual.  
Breeding Material. Seed.

PI 542963. *Centrosema plumieri* (Turpin ex Pers.) Benth. FABACEAE

**Donated by:** Michaud, M., University of Virgin Islands, St. Croix,  
Virgin Islands. Received August 21, 1989.

**donor id:** VI 60. **origin:** Dominican Republic. **collected:**  
March 15, 1988. **locality:** Roadside, Route 4, km 30, 3km  
after San Pedero de Macoris, towards Hato Mayor.  
**remarks:** Propagated Spring, 1989, St. Croix, V.I. Wild.  
Seed.

PI 542964. *Saccharum hybrid* POACEAE Sugarcane

**Donated by:** Legendre, B.L., Agricultural Research Service -- USDA,  
Sugarcane Research Unit, Houma, Louisiana, United States; and  
Estacion Experimental Agro-Industrial, "Obispo Colombres". **remarks:**  
TUCCP 77-42 Sugarcane. Received June 27, 1990.

**origin:** United States. **origin institute:** Agricultural  
Research Service -- USDA, Sugarcane Research Unit, Houma,  
Louisiana 70361. **cultivar:** TUCCP 77-42. **pedigree:** CP  
71-321/US 72-19. **other id:** CV-83. **group:** CSR-SUGARCANE.  
**remarks:** High population of medium-sized, green stalks of  
average stalk weight. Relatively high sucrose content  
early in harvest season. Moderate fiber content (13.25%).  
High tonnage. Rapid bud germination. Moderately erect,  
non-brittle. Especially suited to mechanical harvesting.  
Moderately resistant to mosaic virus, smut caused by  
*Ustilago scitaminea*, and red stripe caused by  
*Xanthomonas*. Cultivar. Cutting.